

O.K. to enter
H.W. 3/12/05

10/660, 584

Amendments to the Specification:

Please amend the paragraph starting at page 1, line 24 and ending at page 2, line 22 to read, as follows.

--Therefore, there has been suggested what we call a cleanerless system that collects residual toner on an image carrier into a developing unit for reuse. This system collects the residual toner on the image carrier into the developing unit in a process of visualizing an electrostatic image on the image carrier by means of the developing unit to reuse the collected toner for forming another image. In the process of visualizing the electrostatic image on the image carrier by means of the developing unit, the developing unit is provided with a developing bias including an alternation of a voltage generating an electric field in a direction where the toner moves from the developing unit to the image carrier (hereinafter, referred to as development accelerating voltage) and a voltage generating an electric field in a direction where the toner returns from the image carrier to the developing unit (hereinafter, referred to as a collecting voltage). The residual toner on the image carrier is collected to the developing unit by means of a potential difference (hereinafter, referred to as a V-back potential difference) between the collecting voltage of the developing bias applied to a developing sleeve of the developing unit, which is a developer carrier, and a potential of an image carrier surface charged by a charger.--

Please amend the paragraphs starting at page 7, line 2 and ending at page 8, line 20 to read, as follows.

--The regulating unit 7 regulates a charging bias DC component voltage applied to the charging roller according to the calculated image ratio. A concrete ~~Concrete~~